



# The 3 HETUS\* waves 2000, 2010 and 2020

**\*Harmonised European Time Use Surveys**

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**Eurostat, Unit F4**

**24 October 2018**

40<sup>th</sup> IATUR Conference in  
Budapest / Hungary

## Overview

- 1. Work done for HETUS 2000/2010 in the past***
- 2. Available results of this work***
- 3. Work for HETUS 2010 actually going on***
- 4. Next steps for HETUS: wave 2020***
- 5. Summary***

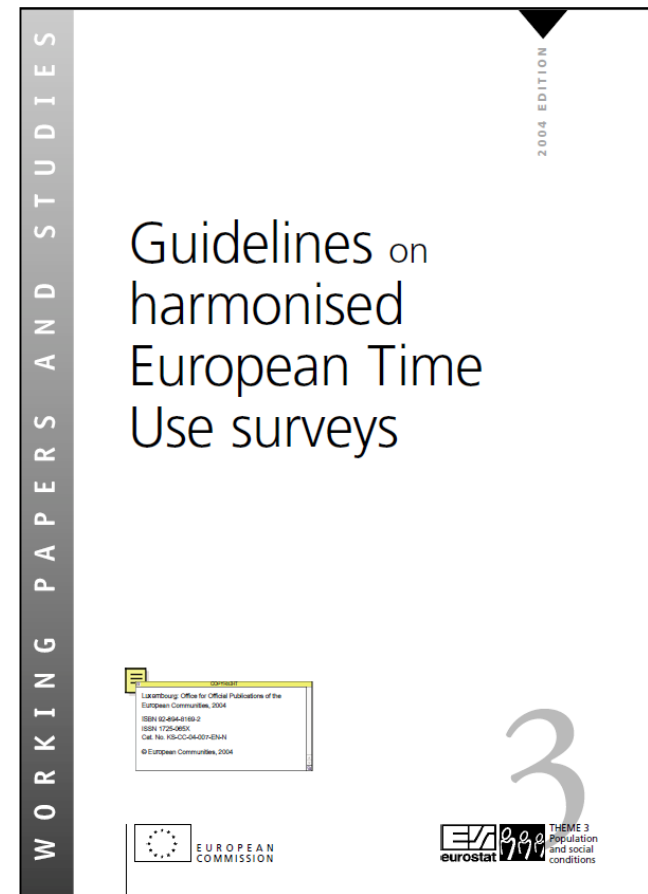
# 1. Work done for HETUS in the past -> wave 2000

- **Harmonisation approach**

- Population delimitation; survey period; selection of diary days; etc.
- Survey forms: time use diary, household questionnaire, individual questionnaire;
- Common activity coding list **ACL 2000: 167 categories** (3-digit)
- Results published (**49 categories**)

- **Participating countries (14)**

- Belgium, Bulgaria, Germany, Estonia, Spain, Finland, France, Italy, Lithuania, Latvia, Norway, Poland, Slovenia, United Kingdom



# 1. Work done for HETUS in the past -> diary wave 2000

Time	What were you doing? Record your main activity for each 10-minute period from 07.00 to 10.00!  Only one main activity on each line! Distinguish between travel and the activity that is the reason for travelling.	What else were you doing? Record the most important parallel activity.  Indicate if you used, in the main or parallel activity, a computer or internet. You do not need to record the use of a computer or internet during working time.	Where were you? Record the location or the mode of transport.  e.g. at home, at friends' home, at school, at workplace, in restaurant, in shop, on foot, on bicycle, in car, on motorbike, on bus, ...	Were you alone or together with somebody you know?						
				Alone	With other household members					Other persons that you know
					Partner	Parent	Grand-parent	Children	Other household member	
07:00-07:10	Woke up the children 381		At home 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:10-07:20	Had breakfast 021	Talked with my family 511		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:20-07:30	-"-	-"-		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:30-07:40	Cleared the table 312	Listened to the radio 831		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:40-07:50	Helped the children dre 381	Talked with my childre 383		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:50-08:00	Went to the day care ce 938	-"-	On foot 21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:00-08:10	Went to work 910	Read the newspaper 811	Bus 31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08:10-08:20	Went to work 910	-"-	-"-	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:20-08:30	Work 111		Workplace 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08:30-08:40				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:40-08:50				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:50-09:00				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:00-09:10				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:10-09:20				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:20-09:30				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:30-09:40				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:40-09:50				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:50-10:00				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2004 EDITION

3  
THEME 3  
Population  
and social  
conditions

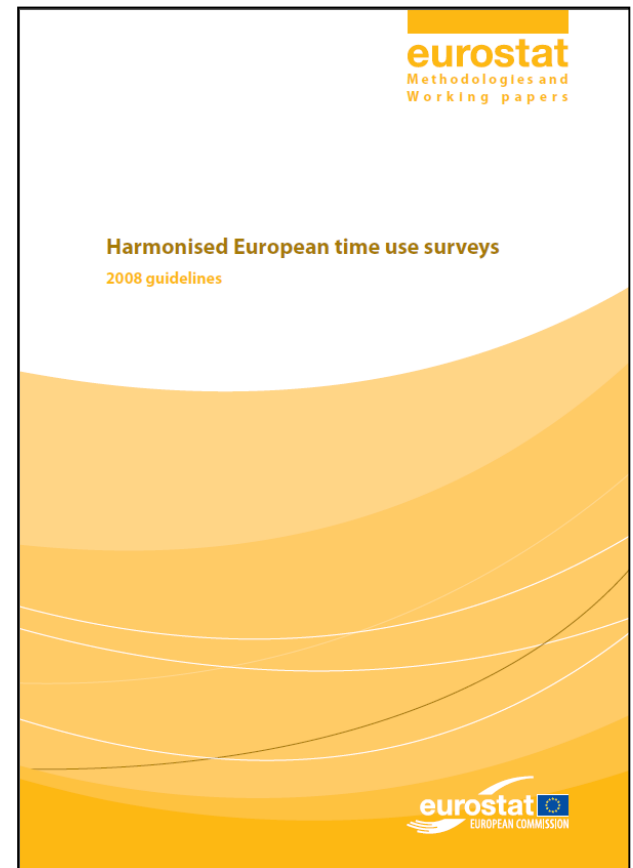
## 1. Work done for HETUS in the past -> wave 2010

- ***Harmonisation approach***

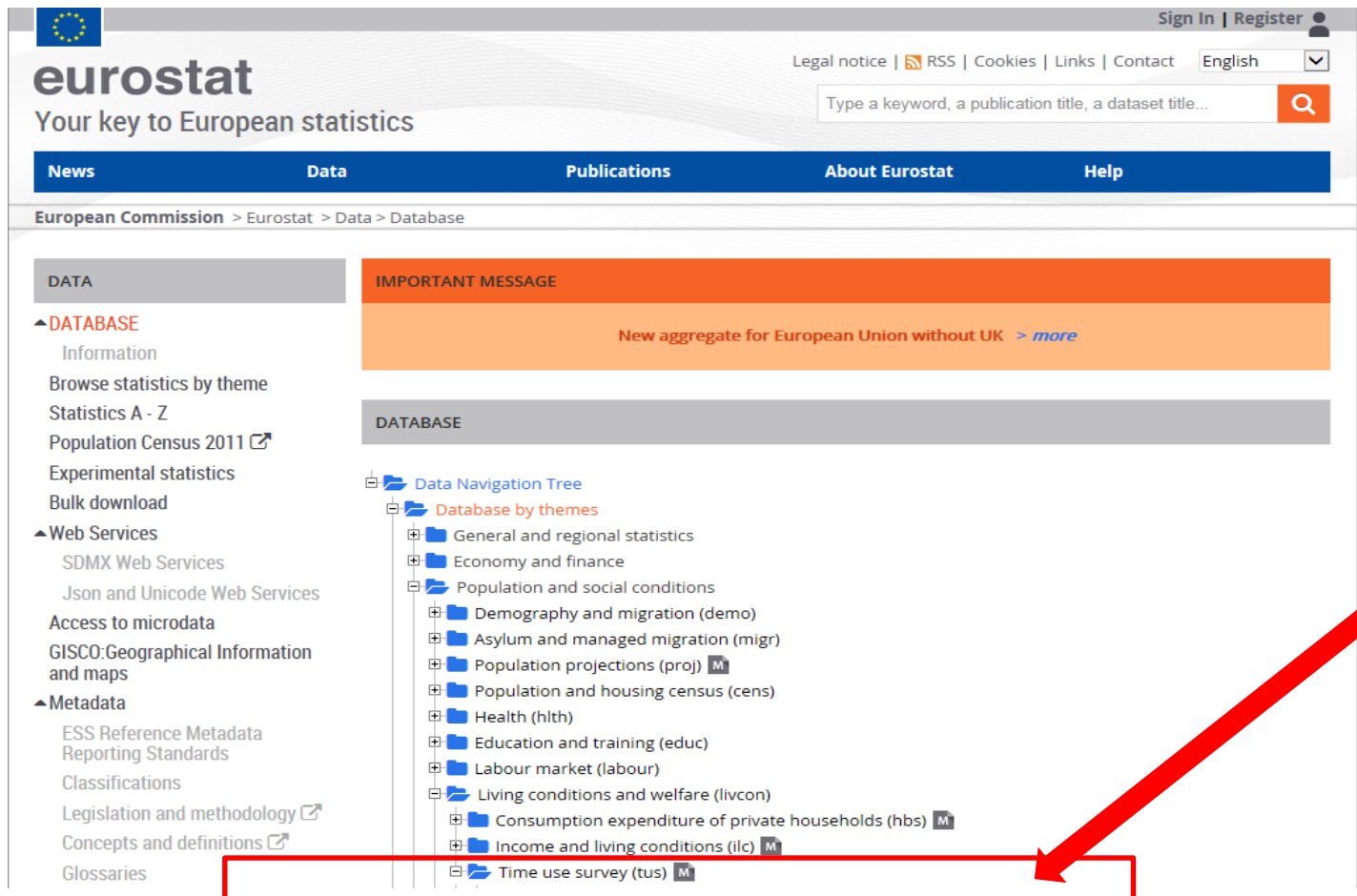
- Population delimitation; survey period; selection of diary days; etc.
- Survey forms: time use diary, household questionnaire, individual questionnaire;
- Common activity coding list **ACL 2008: 108 categories** (3-digit)
- Results published (**49 categories**)

- ***Participating countries (18)***

- Austria, Belgium, Germany, Estonia, Greece, Spain, Finland, France, Hungary, Italy, Luxemburg, Netherlands, Norway, Poland, Romania, United Kingdom, Serbia, Turkey



## 2. Results of work done for HETUS -> Eurobase => <http://ec.europa.eu/eurostat/data/database>



The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with links for 'Sign In | Register', 'Legal notice | RSS | Cookies | Links | Contact', and a language dropdown set to 'English'. Below this is a search bar with the placeholder text 'Type a keyword, a publication title, a dataset title...'. The main navigation menu includes 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. The breadcrumb trail reads 'European Commission > Eurostat > Data > Database'. On the left side, there is a sidebar menu with categories like 'DATABASE', 'Web Services', 'Access to microdata', and 'Metadata'. The main content area features an 'IMPORTANT MESSAGE' banner about a new aggregate for the European Union without the UK, followed by a 'DATABASE' section and a 'Data Navigation Tree'. The tree lists various statistical categories, with 'Time use survey (tus)' highlighted at the bottom. A red arrow points to this entry, and a red box is drawn around it.

## 2. Results of work done for HETUS -> Eurobase

=> <http://ec.europa.eu/eurostat/data/database>

- Time use survey (tus)
- ZIP Time spent, participation time and participation rate in the main activity by sex and age group (tus\_00age)
  - ZIP Time spent, participation time and participation rate in the secondary activity by sex and age group (tus\_00age2)
  - ZIP Time spent, participation time and participation rate in the main activity by sex and household composition (tus\_00hhstatus)
  - ZIP Time spent, participation time and participation rate in the secondary activity by sex and household composition (tus\_00hhstatus2)
  - ZIP Time spent, participation time and participation rate in the main activity by sex and educational attainment level (tus\_00educ)
  - ZIP Time spent, participation time and participation rate in the secondary activity by sex and educational attainment level (tus\_00educ2)
  - ZIP Time spent, participation time and participation rate in the main activity by sex and self-declared labour status (tus\_00selfstat)
  - ZIP Time spent, participation time and participation rate in the main activity by sex and professional status (tus\_00profstat)
  - ZIP Time spent, participation time and participation rate in the main activity by sex and day of the week (tus\_00week)
  - ZIP Time spent, participation time and participation rate in the main activity by sex and month of the year (tus\_00month)
  - ZIP Participation rate in the main activity (wide groups) by sex and time of the day (tus\_00starttime)
  - ZIP Time spent on eating at home (as main or secondary activity) (tus\_00meal)
  - ZIP Time spent alone (tus\_00alone)
  - ZIP Time spent providing childcare (as main or secondary activity) (tus\_00npaycare)
  - ZIP Time when more than one activity undertaken simultaneously (tus\_00simuact)
  - ZIP Time spent on travelling by mode of transport (tus\_00travel)
  - ZIP Time spent watching TV or other media, playing computer games and any similar screen activities (as main or secondary activity) (tus\_00screen)
  - ZIP Time spent in unpaid forms of work (as main or secondary activity) by sex and by form of work (tus\_00npaywork)
  - ZIP Time spent in total work (paid and unpaid work as main or secondary activity) by sex and by form of work (tus\_00work)

## 2. Results of work done for HETUS -> Eurobase

=> <http://ec.europa.eu/eurostat/data/database>

### Time spent, participation time and participation rate in the main activity by sex and age group

Last update: 21-03-2018

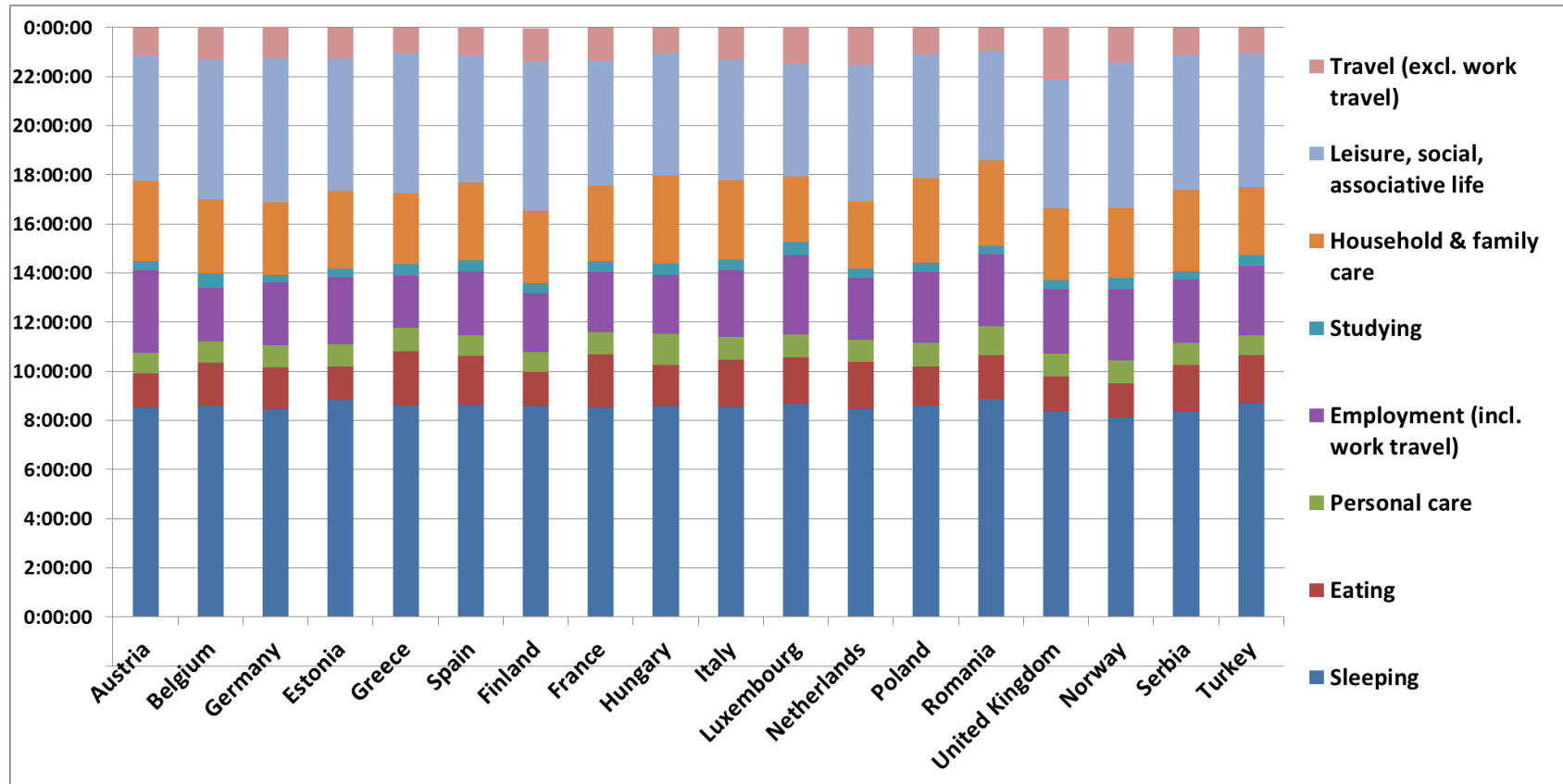
Table Customization [show](#)

	2000			2010		
	Time spent (hh:mm)	Participation time (h)	Participation rate (%)	Time spent (hh:mm)	Participation time (h)	Participation rate (%)
<b>Total</b>	24:00	24:00	100.0	24:00	24:00	100
<b>Personal care</b>	10:58	10:59	100.0	11:12	11:12	100
<b>Sleep</b>	8:25	8:25	100.0	8:36	8:36	100
<b>Eating</b>	1:49	1:50	99.5	1:44	1:44	100
<b>Other and/or unspecified per</b>	0:44	0:45	97.6	0:53	0:54	97.2
<b>Employment, related activitie</b>	2:29	7:11	34.5	2:11	7:24	29.4
<b>Main and second job and rela</b>	2:27	7:17	33.8	2:06	7:22	28.4
<b>Activities related to employm</b>	0:01	1:28	1.4	0:05	0:46	11.0
<b>Study</b>	0:14	3:27	6.5	0:35	5:30	10.6
<b>School and university except</b>	0:06	2:38	3.5	0:20	5:34	5.9
<b>Homework</b>	0:05	3:20	2.4	0:12	3:06	6.7
<b>Free time study</b>	0:03	2:34	2.1	0:03	2:32	1.8
<b>Household and family care</b>	3:20	3:34	93.5	3:01	3:23	89.0
<b>Food management except dis</b>	0:40	0:58	69.7	0:33	0:55	59.6

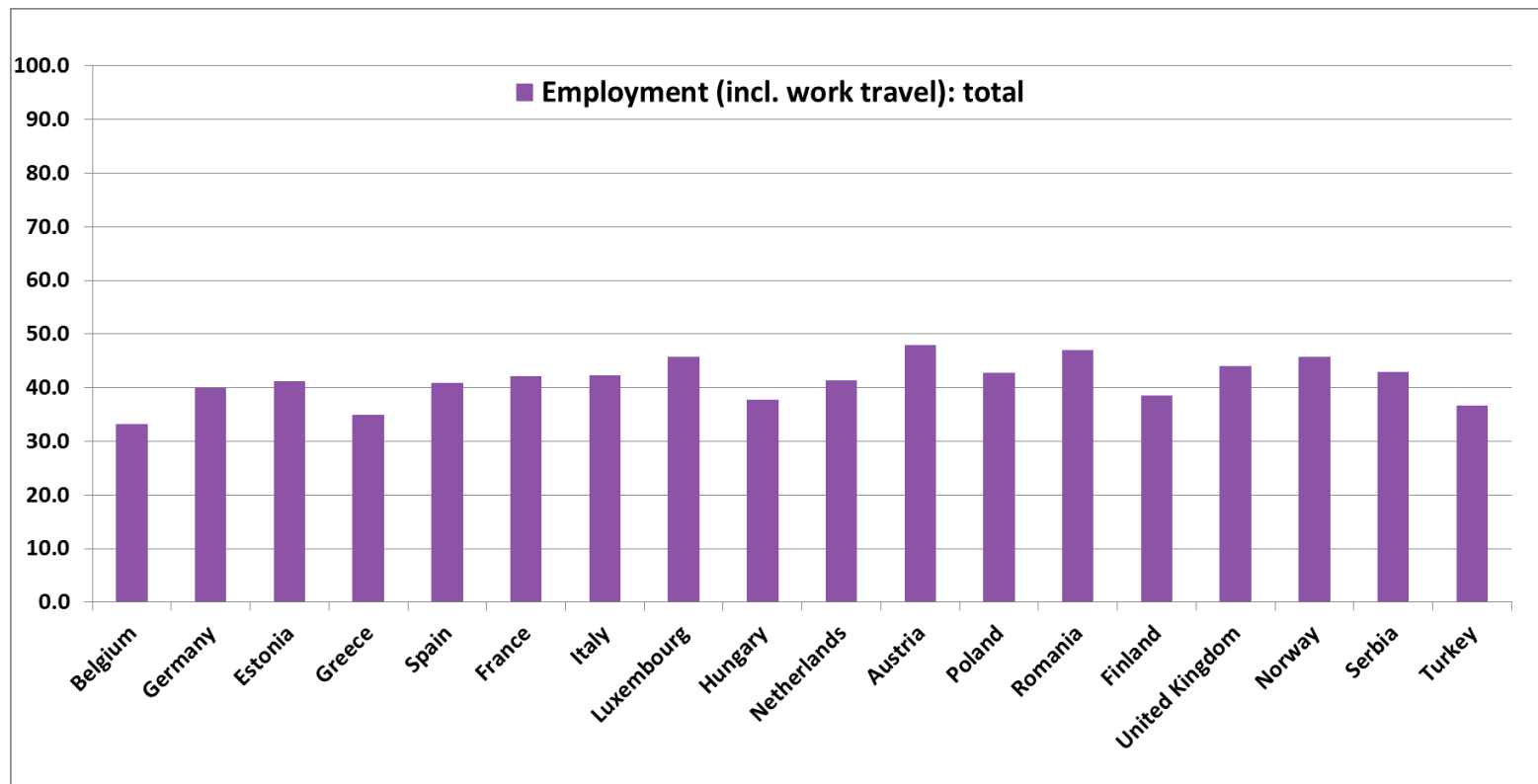


## 2. Results of work done for HETUS -> Eurobase

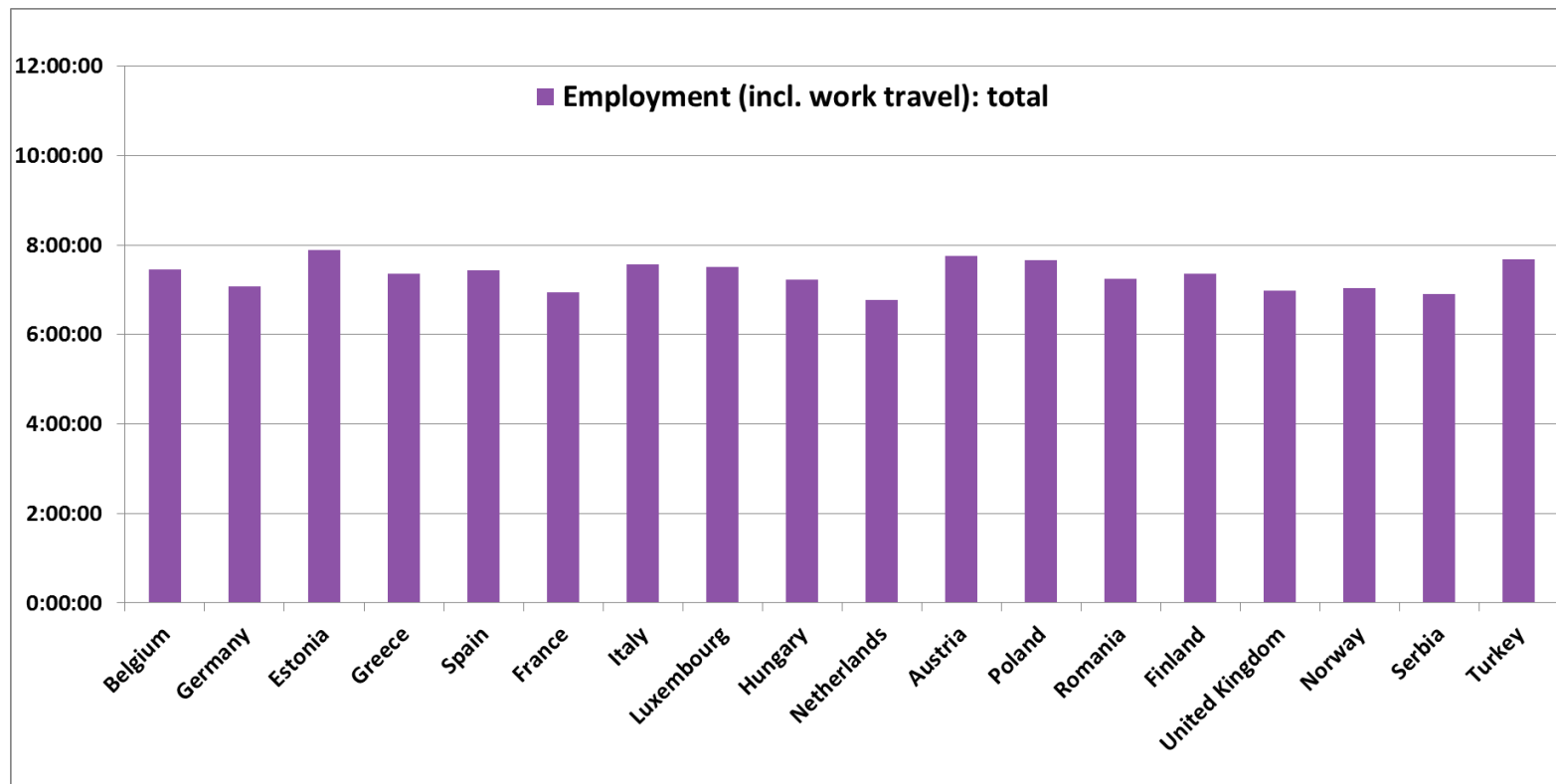
-> *Time spent 2010 (hh:mm)*



## 2. Results of work done for HETUS -> Eurobase -> *Participation rate 2010 (total in %)*

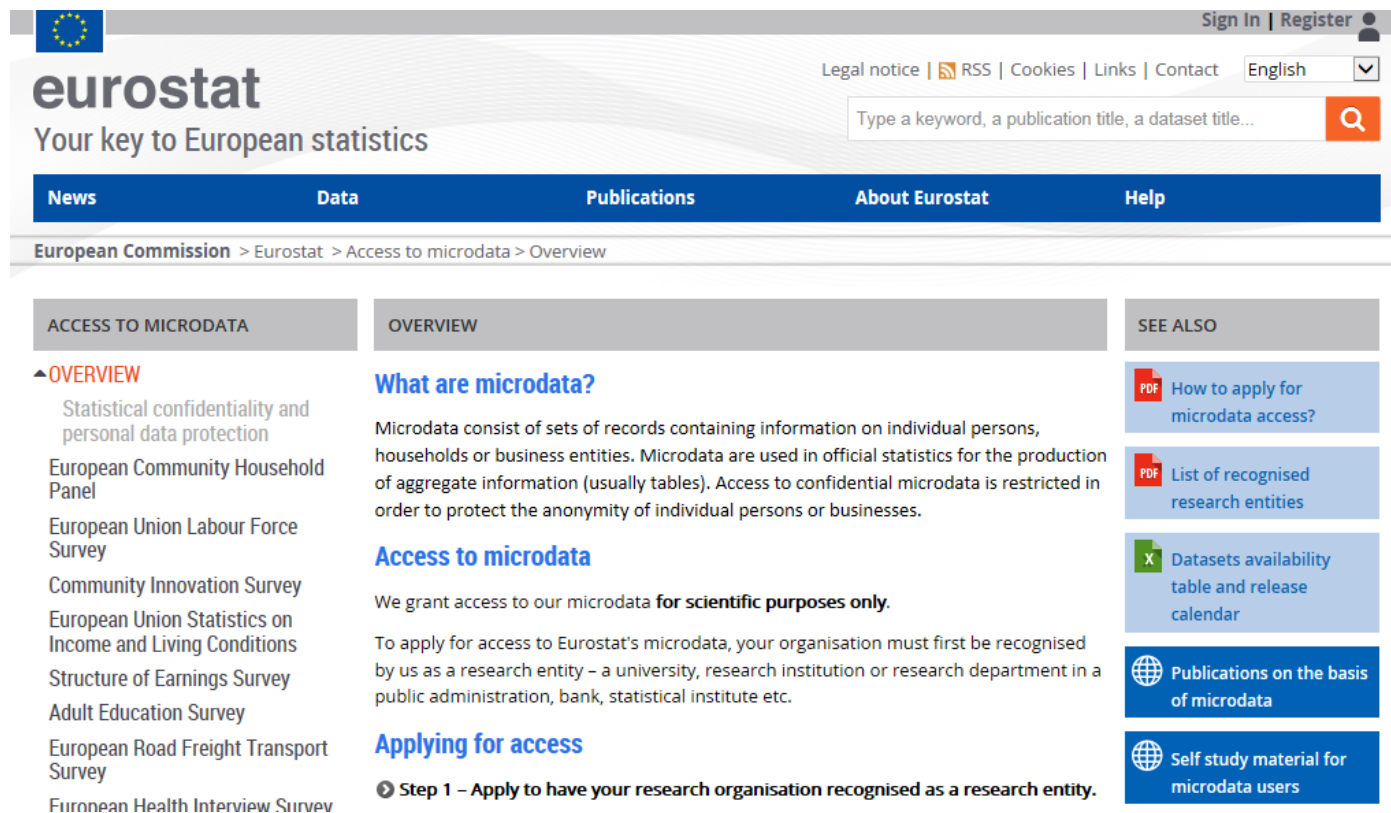


## 2. Results of work done for HETUS -> Eurobase -> *Participation time 2010 (total in hh:mm)*



### 3. Work for HETUS actually going on -> **microdata**

=> <http://ec.europa.eu/eurostat/web/microdata/overview>



The screenshot shows the Eurostat website interface. At the top, there is a navigation bar with 'Sign In | Register', 'Legal notice | RSS | Cookies | Links | Contact', and a language dropdown set to 'English'. Below this is a search bar with the placeholder text 'Type a keyword, a publication title, a dataset title...'. A main navigation menu includes 'News', 'Data', 'Publications', 'About Eurostat', and 'Help'. The breadcrumb trail reads 'European Commission > Eurostat > Access to microdata > Overview'. The main content area is divided into three columns: 'ACCESS TO MICRODATA', 'OVERVIEW', and 'SEE ALSO'. Under 'OVERVIEW', there is a section titled 'What are microdata?' which explains that microdata consist of records containing information on individual persons, households, or business entities. It also states that access to confidential microdata is restricted to protect anonymity. Below this is a section 'Access to microdata' which notes that access is granted for scientific purposes only and that organizations must first be recognized as research entities. A 'Step 1' button is visible: 'Step 1 - Apply to have your research organisation recognised as a research entity.' The 'SEE ALSO' column contains links to PDF documents: 'How to apply for microdata access?', 'List of recognised research entities', and 'Datasets availability table and release calendar', as well as two blue buttons: 'Publications on the basis of microdata' and 'Self study material for microdata users'.

## 4. Next steps for HETUS -> wave 2020

- ***Finalise & publish HETUS methodological guidelines 2018***
  - **Consultation process** with Eurostat Working Group TUS: 4 written consultation rounds / 1 meeting in 2018
  - **Final draft:** Mid January 2019
  - Online **publication:** End February 2019
- ***Main revision issues (for HETUS guidelines 2018)***
  - **Less questions** (variables) in household & individual questionnaires
  - Countries can always **add** more questions (variables) on national level
  - New **ICT-column** in diary to characterise main activity

## 4. Next steps for HETUS (wave 2020) -> ICT column

Time	<b>What were you doing?</b> <i>Record your main activity for each 10-minute period from 07.00 to 10.00!</i>  Only one main activity on each line! Distinguish between travel and the activity that is the reason for travelling.	<b>Did you use a computer, smart device, internet, online tool, etc. for doing this?</b>		<b>What else were you doing?</b> <i>Record the most important parallel activity.</i>  Indicate if you used, in the main or parallel activity, a computer or internet. You do not need to record the use of a computer or internet during working time.	<b>Where were you?</b> <i>Record the location or the mode of transport.</i>  e.g. at home, at friends' home, at school, at workplace, in restaurant, in shop, on foot, on bicycle, in car, on motorbike, on bus, ...	<b>Were you alone or together with somebody</b> <i>Mark "yes by crossing"</i>					
		No	Yes			Alone	With other household members				Other persons that you know
							Partner	Parent	Children	Other household member	
04:00-04:10		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04:10-04:20		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04:20-04:30		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04:30-04:40		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04:40-04:50		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04:50-05:00		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05:00-05:10		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05:10-05:20		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05:20-05:30		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05:30-05:40		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05:40-05:50		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05:50-06:00		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06:00-06:10		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06:10-06:20		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06:20-06:30		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06:30-06:40		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 4. Next steps for HETUS -> **wave 2020**

- **Main revision issues; cont.** (for HETUS guidelines 2018)
  - Moderately revised activity coding list **ACL 2018** (117 codes) -> cross time comparability
  - More **output** harmonisation (detailed list of microdata variables to be delivered to Eurostat after data collection)
  - **Face-to-face** interviews & left-behind **paper** diaries still possible (*«nobody is left behind»*)
  - Promote **innovative** tools (e.g. smart devices) and sources (e.g. geo-localisation data) for HETUS -> see H. Clodt (Friday morning)!

## 5. Summary

- ***Results of HETUS waves 2000 and 2010 published on Eurobase (dynamic tables);***
- ***Access to HETUS wave 2010 microdata via Eurostat possible for researchers in 2019;***
- ***Concept (methodological guidelines 2018) for HETUS wave 2020 almost final (publication 1<sup>st</sup> quarter of 2019)***
- ***Data collection in countries could start in 2019 ...***
- ***How many countries will participate in HETUS wave 2020?***

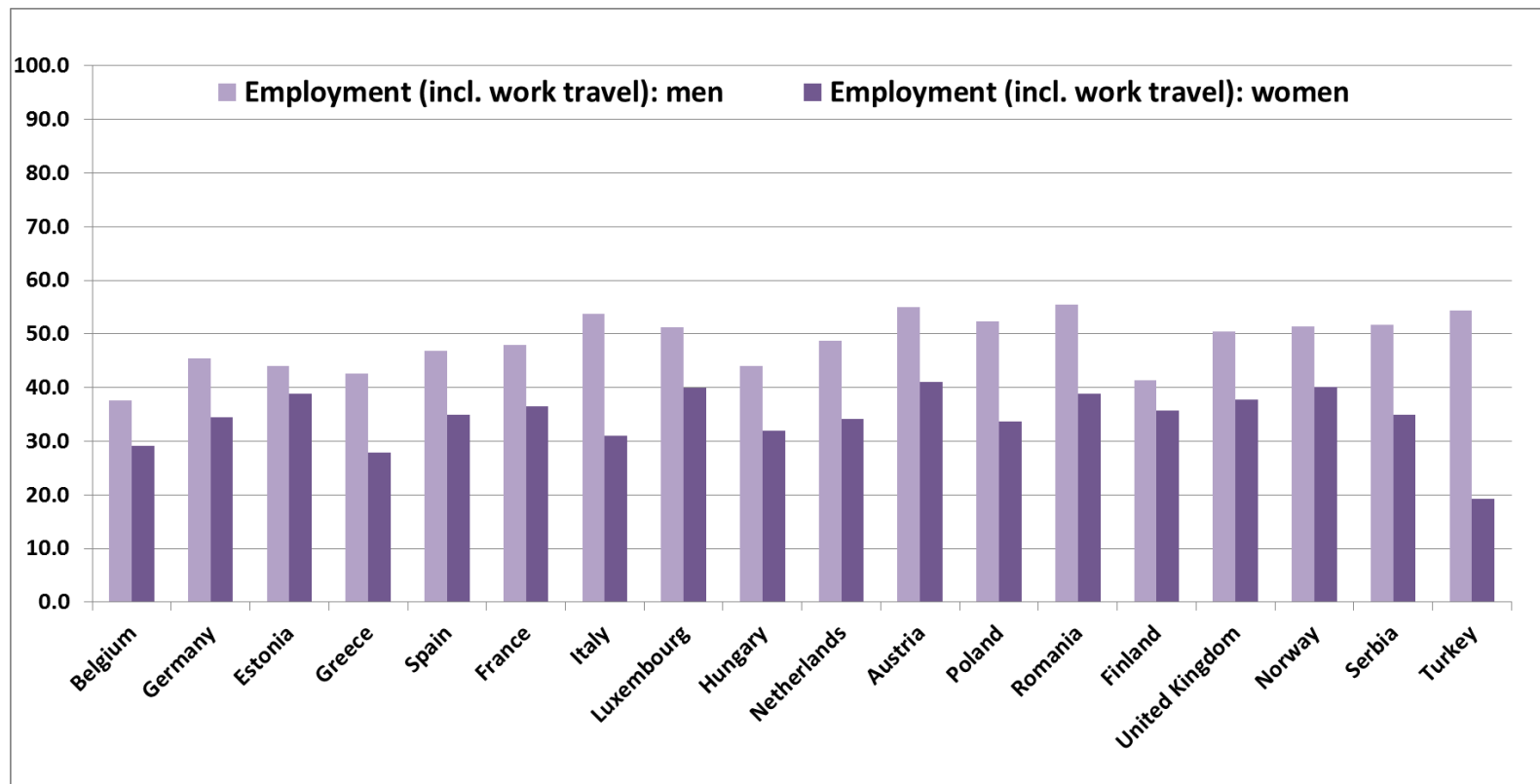


# Thank you for your attention!

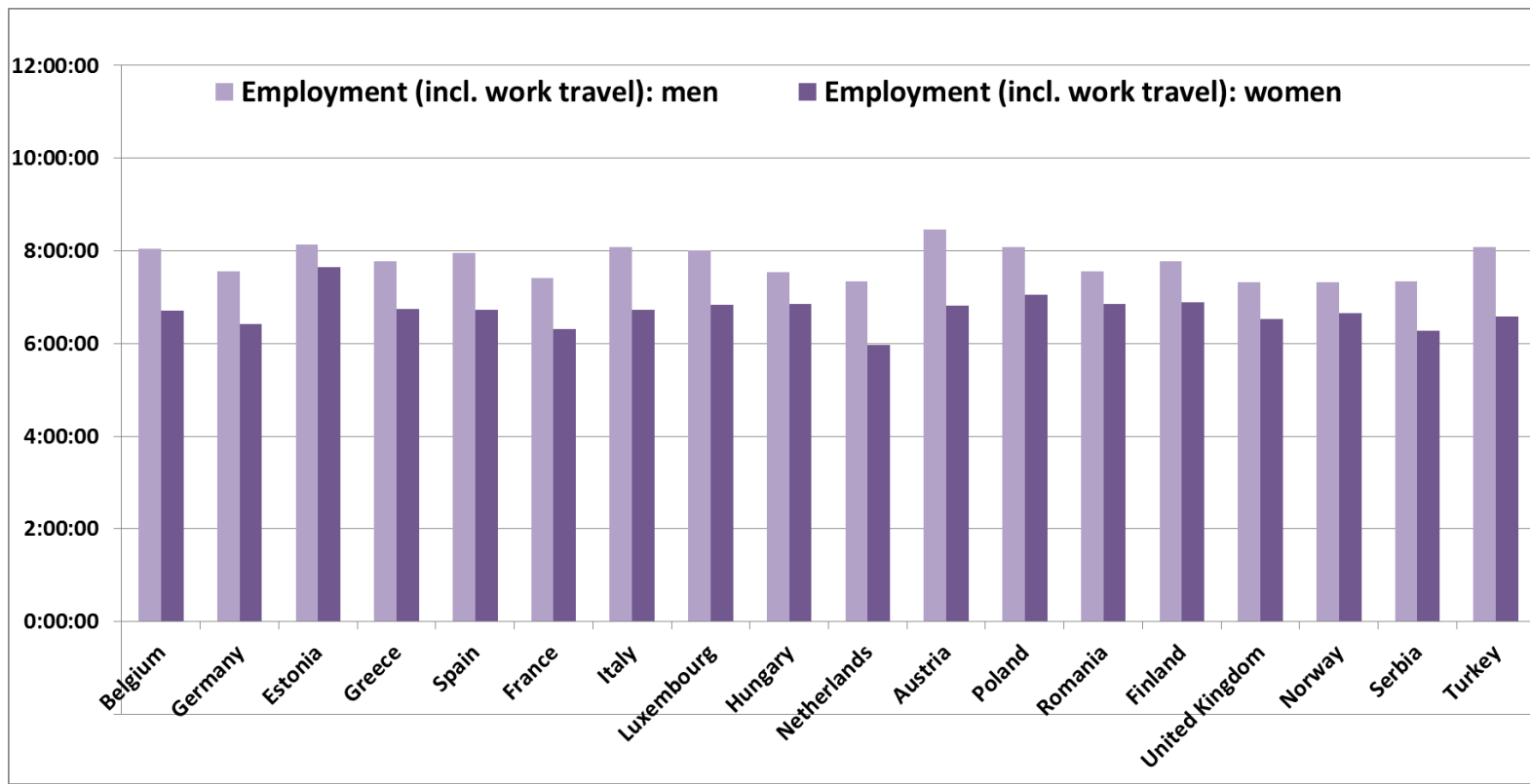
**Paul Camenzind, PhD**  
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**L-2920 Luxembourg**  
[Paul.CAMENZIND@ec.europa.eu](mailto:Paul.CAMENZIND@ec.europa.eu)



## 2. Results of work done for HETUS -> Eurobase -> Participation rate 2010 (men/women in %)

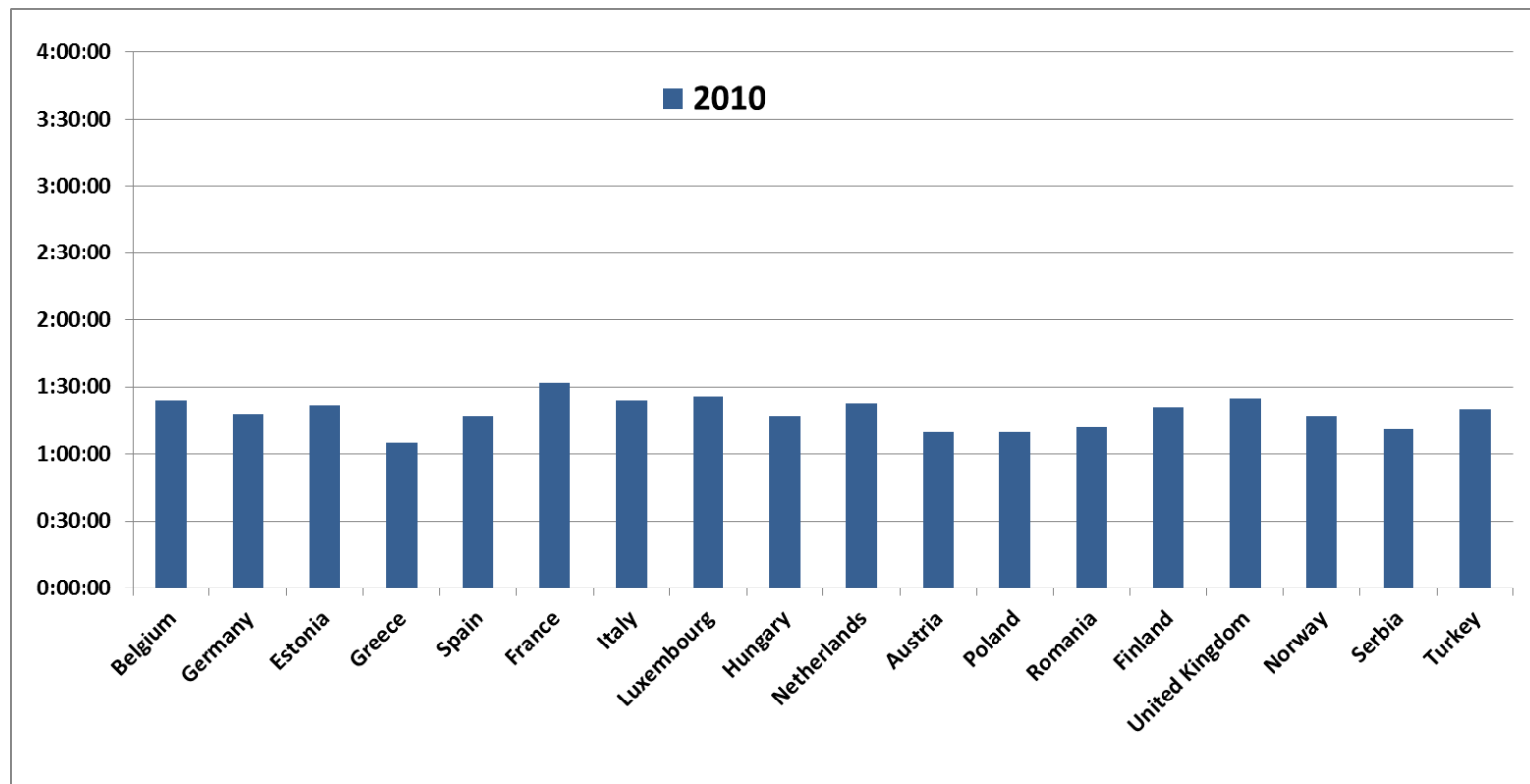


## 2. Results of work done for HETUS -> Eurobase -> Participation time 2010 (men/women in hh:mm)



## 2. Results of work done for HETUS -> Eurobase

*-> Participation time spent in a private car, 2010 (hh:mm)*



## 2. Results of work done for HETUS -> Eurobase -> *Time spent alone, 2010 (hh:mm)*

